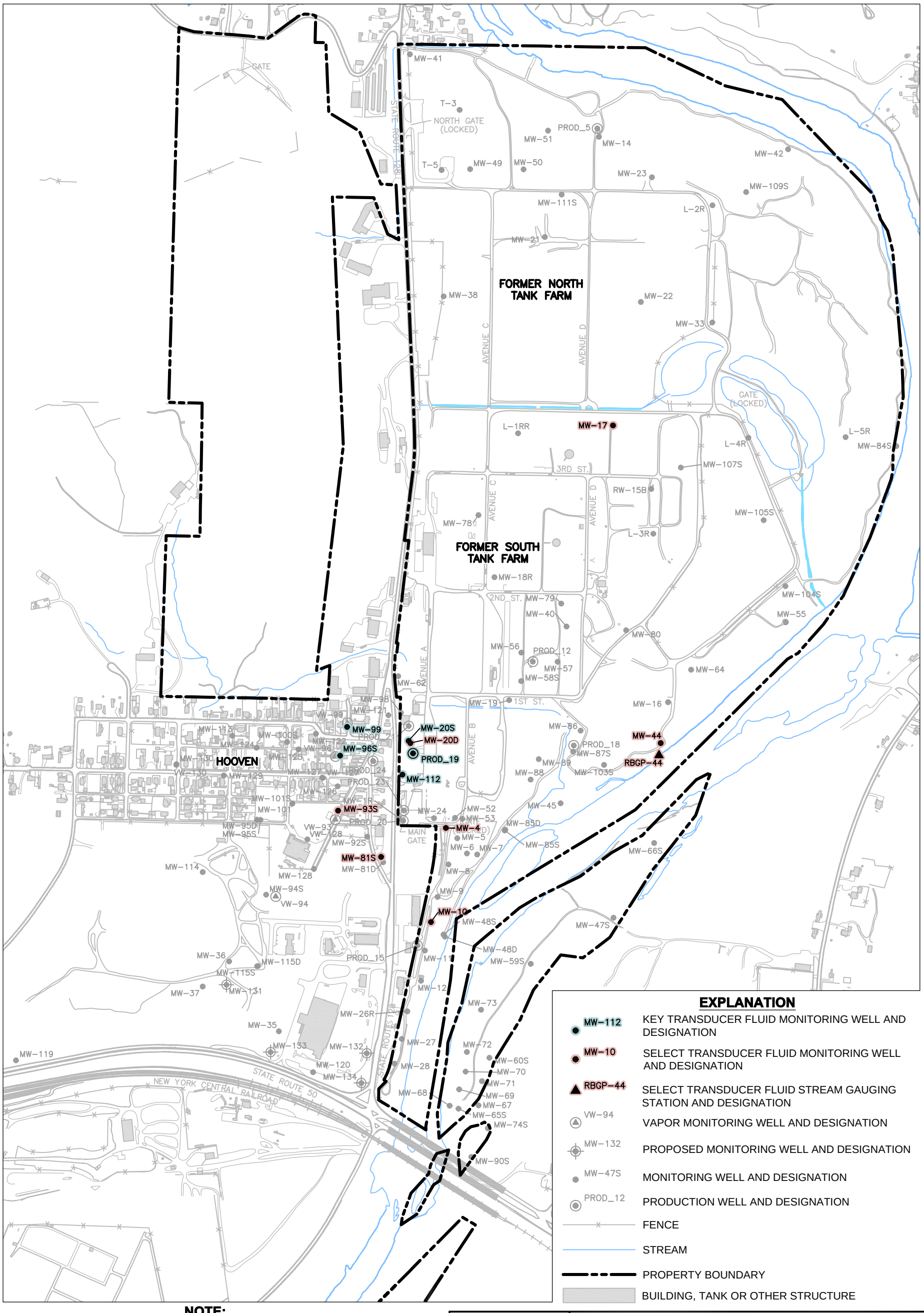

EXPLANATION

- MW-112 — KEY TRANSDUCER FLUID MONITORING WELL AND DESIGNATION
- MW-10 — SELECT TRANSDUCER FLUID MONITORING WELL AND DESIGNATION
- RBGP-44 — SELECT TRANSDUCER FLUID STREAM GAUGING STATION AND DESIGNATION
- VW-94 — VAPOR MONITORING WELL AND DESIGNATION
- MW-132 — PROPOSED MONITORING WELL AND DESIGNATION
- MW-47S — MONITORING WELL AND DESIGNATION
- PROD_12 — PRODUCTION WELL AND DESIGNATION
- FENCE
- STREAM
- PROPERTY BOUNDARY
- BUILDING, TANK OR OTHER STRUCTURE

N

0 650'

NOTE:

THIS FIGURE ILLUSTRATES THE 2006 HIGH-GRADE SCENARIO IN WHICH PRODUCTION WELL PROD_19 WAS OPERATED AS THE HIGH-GRADE WELL. MONITORED WELLS WILL BE TAILORED IN ACCORDANCE WITH THE OMM PLAN TO CORRESPOND TO THE SELECTED HIGH-GRADE PRODUCTION WELL.

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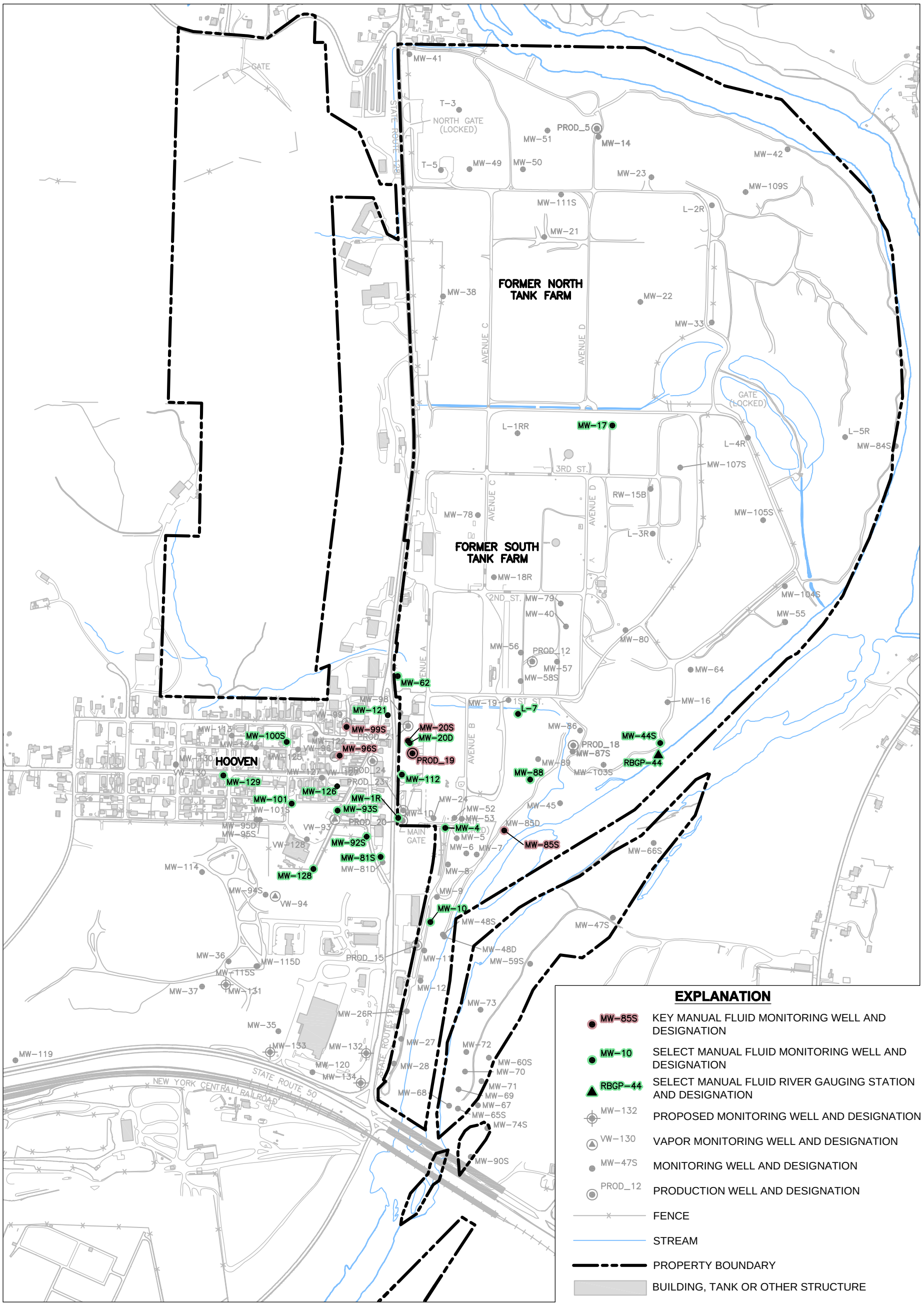
FIGURE 4-1

KEY AND SELECT TRANSDUCER MONITORING WELLS FOR HIGH-GRADE WELL PROD_19

CHEVRON CINCINNATI FACILITY
HOOVEN, OHIO

Drawn By: REP	Checked By: DR	Scale: 1" = 650'	Date: 8/21/07	File: 500KEY&SCTTRNWELLLOC



EXPLANATION

- MW-85S — KEY MANUAL FLUID MONITORING WELL AND DESIGNATION
- MW-10 — SELECT MANUAL FLUID MONITORING WELL AND DESIGNATION
- RBGP-44 — SELECT MANUAL FLUID RIVER GAUGING STATION AND DESIGNATION
- MW-132 — PROPOSED MONITORING WELL AND DESIGNATION
- VW-130 — VAPOR MONITORING WELL AND DESIGNATION
- MW-47S — MONITORING WELL AND DESIGNATION
- PROD_12 — PRODUCTION WELL AND DESIGNATION
- FENCE
- STREAM
- PROPERTY BOUNDARY
- BUILDING, TANK OR OTHER STRUCTURE

N

0 650'

NOTE:

THIS FIGURE ILLUSTRATES THE 2006 HIGH-GRADE SCENARIO IN WHICH PRODUCTION WELL PROD_19 WAS OPERATED AS THE HIGH-GRADE WELL. MONITORED WELLS WILL BE TAILORED IN ACCORDANCE WITH THE OMM PLAN TO CORRESPOND TO THE SELECTED HIGH-GRADE PRODUCTION WELL.

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FIGURE 4-2

KEY AND SELECT MANUAL FLUID MONITORING WELLS FOR HIGH-GRADE WELL PROD_19

CHEVRON CINCINNATI FACILITY HOOVEN, OHIO

Drawn By: REP	Checked By: DR	Scale: 1" = 650'	Date: 12/3/07	File: 500KEY&SCT_WELLLOC

FIGURE 4-3
Key Well Fluid Level Log

FLUID LEVEL DATA - LNAPL THICKNESS AND GW ELEVATION

Date:

Sampler:

HIGH-GRADE KEY WELLS

WELL	TIME	LAST WATER DEPTH (ft)	WATER DEPTH (ft)	LAST LNAPL DEPTH (ft)	LNAPL DEPTH (ft)
Production Well*					
MS-85S					
MW-20S					
MW-99S					
MW-96S					
MW-112					

ADDITIONAL MONITORING FOR PRODUCTION WELL*

GROUNDWATER		LNAPL	
INSTANT. FLOW (gpm)	CUMULATIVE FLOW (gal)	INSTANT. FLOW (gpm)	CUMULATIVE FLOW (gal)

* Production well will vary depending on seasonal high-grade strategy.

FIGURE 4-4
Select and Key Well Fluid Level Log

FLUID LEVEL DATA - LNAPL THICKNESS AND GW ELEVATION

Date:

Sampler:

WELL	TIME	LAST WATER DEPTH (ft)	WATER DEPTH (ft)	LAST LNAPL DEPTH (ft)	LNAPL DEPTH (ft)
*Production Well**					
MW-17					
MW-44					
RBGP-44					
MW-88					
MW-85S					
MW-10					
MW-4					
MW-1D					
MW-1R					
MW-112					
MW-20D					
MW-20S					
*Production Well**					
L-7					
MW-62					
MW-81S					
MW-92S					
MW-128					
MW-93S					
MW-101S					
MW-94S					
MW-114S					
MW-37					
MW-129					
MW-100S					
MW-99S					
MW-96S					

ADDITIONAL MONITORING FOR PRODUCTION WELL*

GROUNDWATER		LNAPL	
INSTANT. FLOW (gpm)	CUMULATIVE FLOW (gal)	INSTANT. FLOW (gpm)	CUMULATIVE FLOW (gal)

* Production well will vary depending on seasonal high-grade strategy.
Key wells are noted in italics.

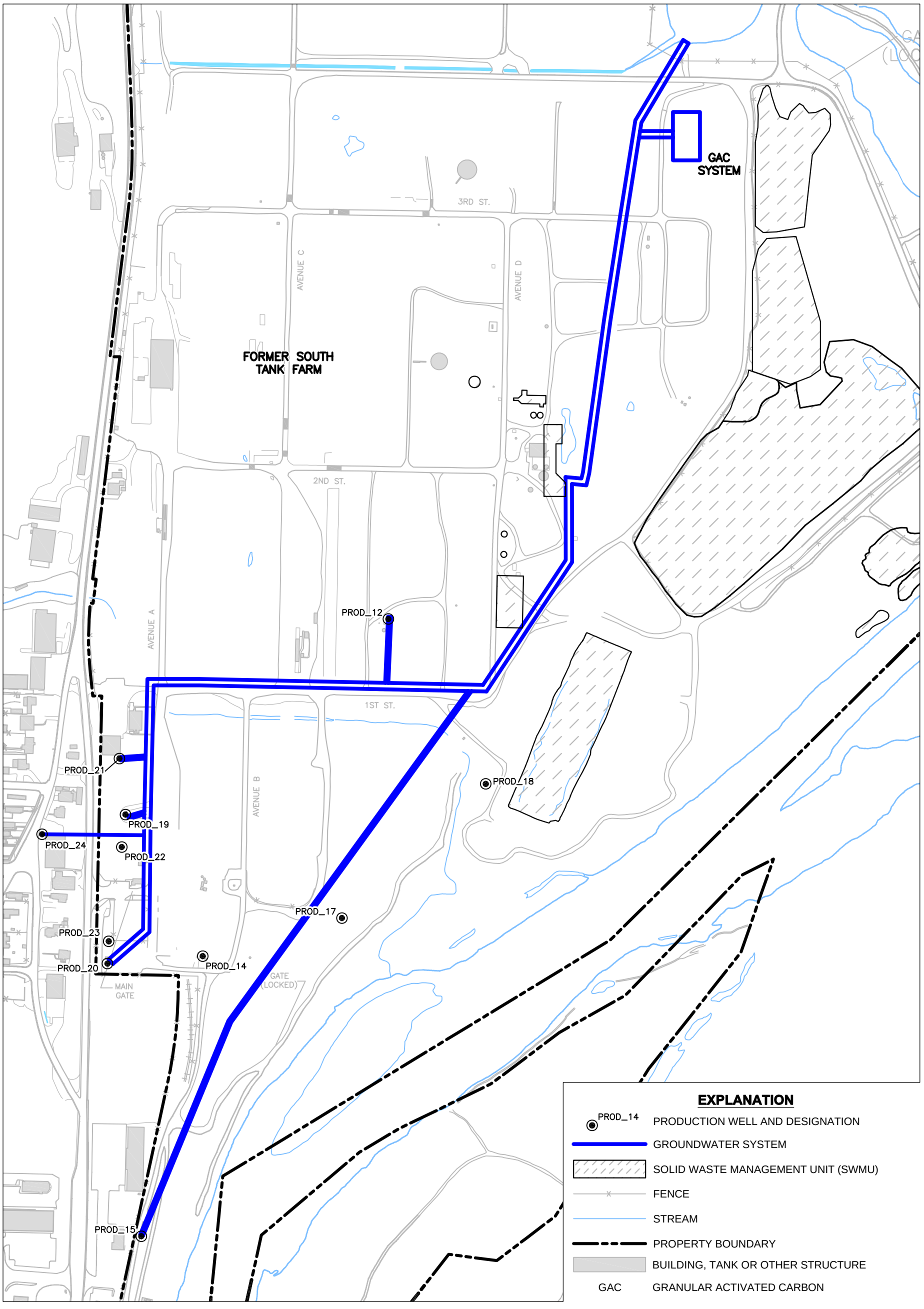

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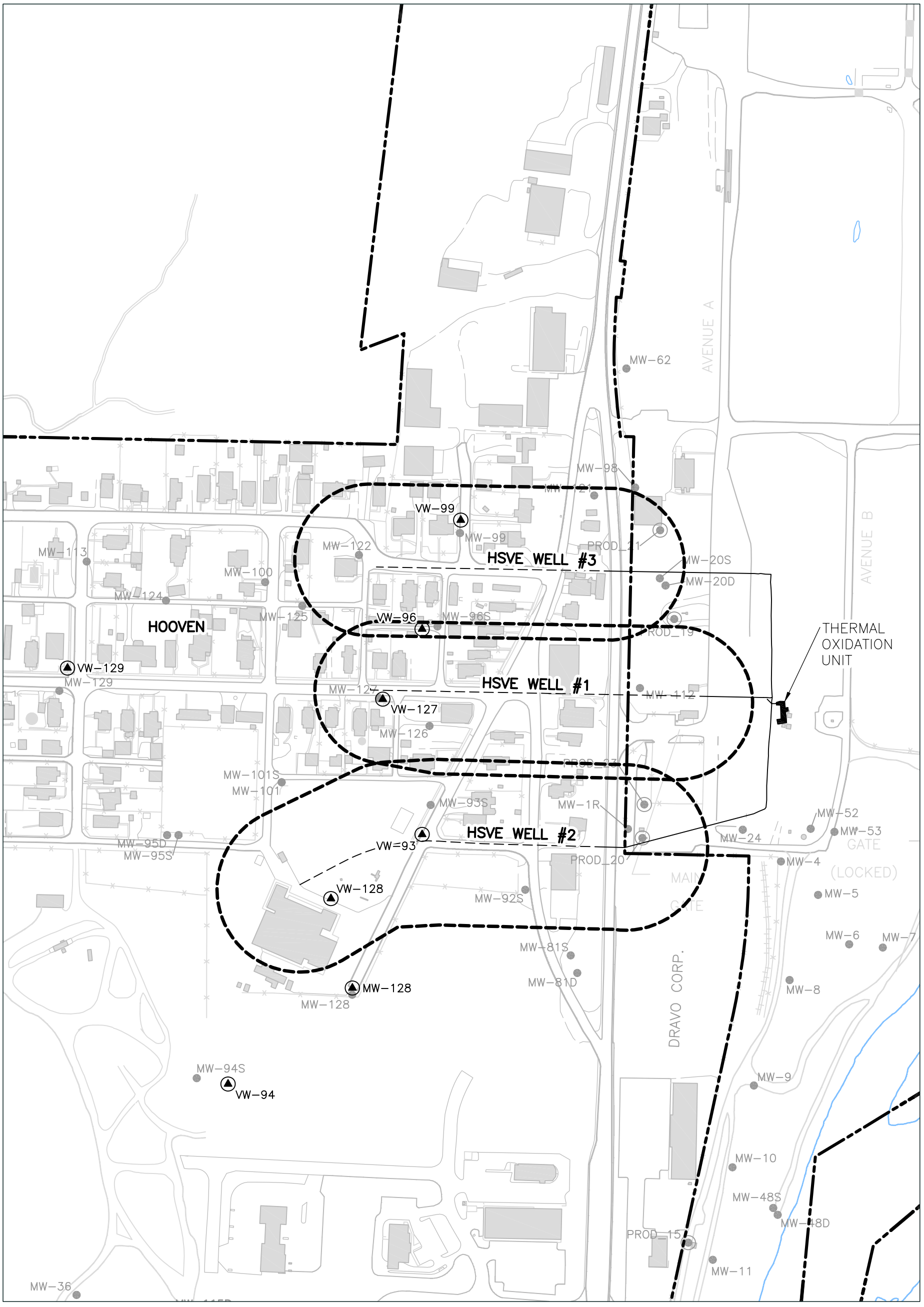
FIGURE 5-1

GAC LAYOUT PLAN

CHEVRON CINCINNATI FACILITY
HOOVEN, OHIO

Drawn By: REP	Checked By: DR	Scale: 1" = 600'	Date: 12/3/07	File: 500GACLAYOUT



EXPLANATION

VW-94 VAPOR MONITORING WELL AND DESIGNATION

HSVE LINES, DASHED WHERE SCREENED

HSVE PROJECTED RADIUS OF CAPTURE

N

0 200'

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FIGURE 6-1

HSVE LAYOUT PLAN

CHEVRON CINCINATI FACILITY
HOOVEN, OHIO

Drawn By: VLP	Checked By: DR	Scale: 1" = 200'	Date: 1/15/07	File: 500HSVE_MAP

FIGURE 6-2

HSVE FIELD SCREENING LOG

Date: _____

Sampler: _____

HSVE LINE	TIME	INSERTION DEPTH (in)	PITOT TUBE READING (in-H2O)	VACUUM (in-Hg)	FLOW (scfm)	CH4 (%)	CO2 (%)	O2 (%)	LEL (%)	TOTAL ORGANIC VAPOR (ppm)
1 (Central)		4.2			TBD					
2 (Southern)		1.2			TBD					
3 (Northern)		2.2			TBD					
Combined		NA	NA	NA						

Notes:
Combined flow rate as indicated on HSVE instrumentation panel; other flow rates calculated based on pitot tube and line pressure readings.

COMMENTS:

FIGURE 6-3

HSVE SAMPLE COLLECTION LOG

Date: _____

Sampler: _____

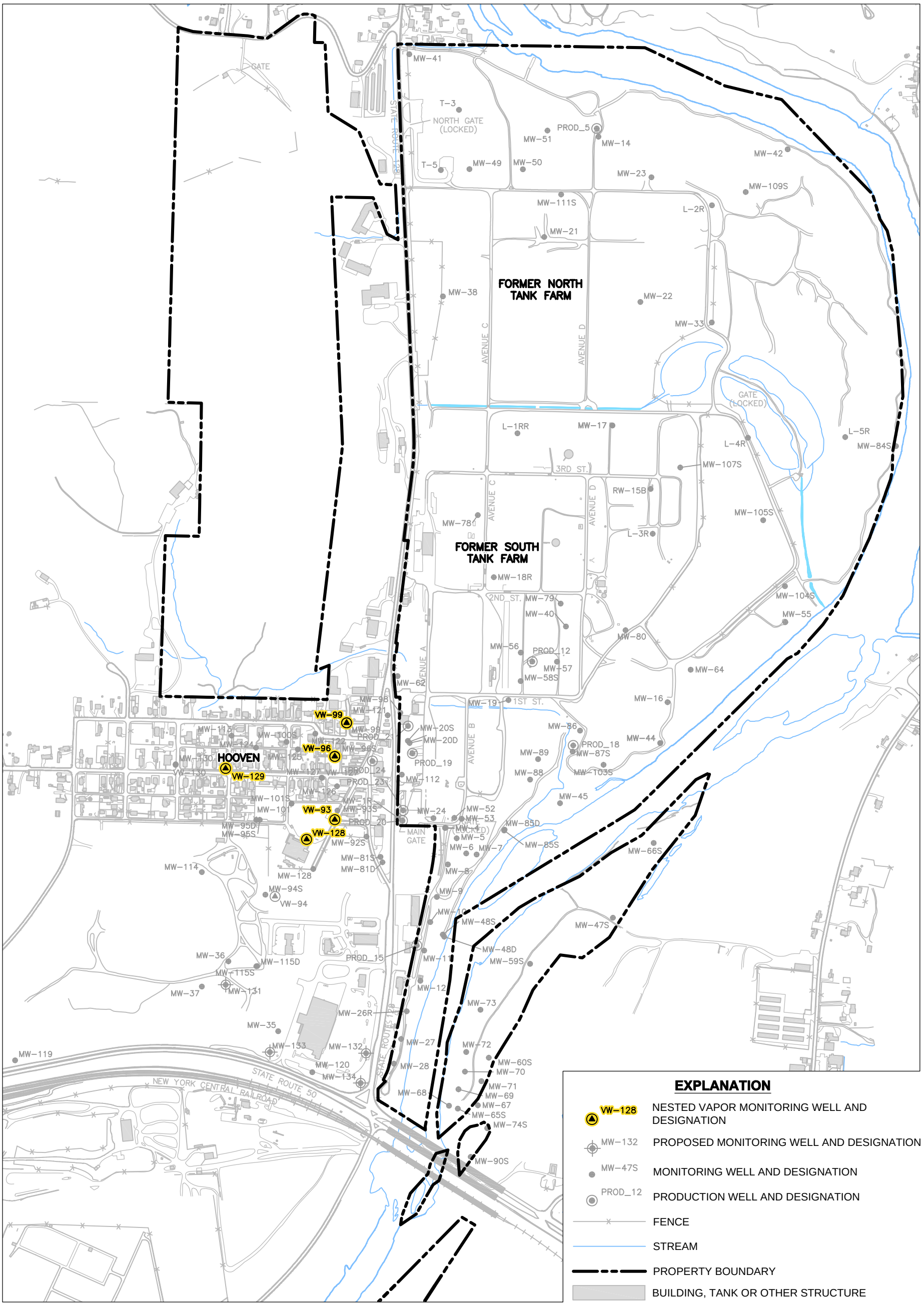
HSVE LINE	TIME	INSERTION DEPTH (in)	PITOT TUBE READING (in-H2O)	VACUUM (in-Hg)	FLOW (scfm)	CH4 (%)	CO2 (%)	O2 (%)	LEL (%)	TOTAL ORGANIC VAPOR (ppm)	SAMPLE ID	CANISTER NUMBER	START VACUUM (in-Hg)	FINAL VACUUM (in-Hg)
1 (Central)		4.2			TBD									
2 (Southern)		1.2			TBD									
3 (Northern)		2.2			TBD									
ThermOx Influent		NA	NA	NA										
ThermOx Effluent		NA	NA	NA										

Notes:
Combined flow rate as indicated on HSVE instrumentation panel; other flow rates calculated based on pitot tube and line pressure readings.

COMMENTS:

COC NUMBER:

DATE SAMPLES SHIPPED TO LAB:



EXPLANATION

- VW-128 — NESTED VAPOR MONITORING WELL AND DESIGNATION
- MW-132 — PROPOSED MONITORING WELL AND DESIGNATION
- MW-47S — MONITORING WELL AND DESIGNATION
- PROD_12 — PRODUCTION WELL AND DESIGNATION
- FENCE
- STREAM
- PROPERTY BOUNDARY
- BUILDING, TANK OR OTHER STRUCTURE

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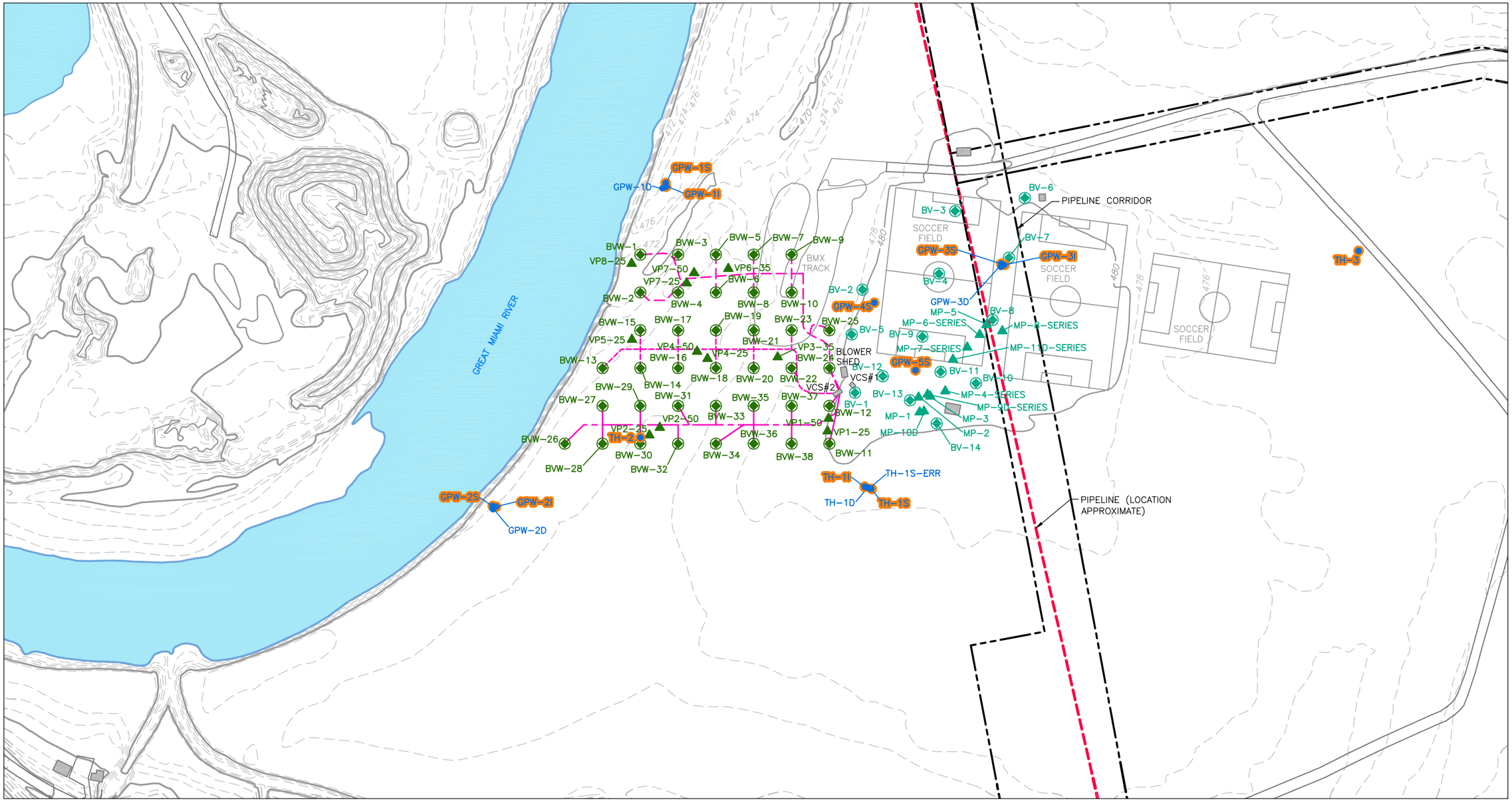
FIGURE 7-1

NESTED VAPOR MONITORING WELLS

CHEVRON CINCINNATI FACILITY
HOOVEN, OHIO

Drawn By: REP	Checked By: DR	Scale: 1" = 650'	Date: 8/21/07	File: 500NESTVAPOR_WELLLOC



EXPLANATION

- GPW-2S — ANNUAL GULF PARK SAMPLING WELL AND DESIGNATION
- BV-1 — BIOVENT WELL AND DESIGNATION
- BVW-26 — EXPANSION BIOVENT WELL AND DESIGNATION
- MP-1 — SOIL GAS MONITORING POINT AND DESIGNATION
- VP2-25 — EXPANSION SOIL GAS MONITORING POINT AND DESIGNATION
- GPW-2D — SHALLOW GROUNDWATER MONITORING WELL AND DESIGNATION
- BUILDING OR STRUCTURE
- EASEMENT/RIGHT-OF-WAY
- ROAD
- 478 / 480 — GENERAL TOPOGRAPHIC CONTOUR (FT-AMSL, INTERVAL: 2', DASHED WHERE INFERRED)
- EXPANDED BIOVENTING SYSTEM PIPE RUN #1
- EXPANDED BIOVENTING SYSTEM PIPE RUN #2
- EXPANDED BIOVENTING SYSTEM PIPE RUN #3
- FT-AMSL — FEET ABOVE MEAN SEA LEVEL

N

0 200'

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FIGURE 8-1

GULF PARK SITE MAP

GULF COMMUNITY PARK
CLEVES, OHIO

Drawn By: REP	Checked By: DR	Scale: 1"=200'	Date: 8/22/07	File: 500GP_SITEMAP_OMM